



# WOXG/WOXMG SERIES

<b>GLASS PASSIVATED BRIDGE RECTIFIERS</b>	<b>REVERSE VOLTAGE - 50 to 1000Volts</b> <b>FORWARD CURRENT - 1.5 Amperes</b>
<b>FEATURES</b> <ul style="list-style-type: none"> <li>●Surge overload rating -50 amperes peak</li> <li>●Ldeal for printed circuit board</li> <li>●Reliable low cost construction utilizing molded plastic technique results in expensive product</li> <li>●Mounting Position :Any</li> </ul>	<p style="text-align: center;">Dimensions in inches and (millimeters)</p>

## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Single phase, half wave ,60Hz, resistive or inductive load.

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	W005G	W01G	W02G	W04G	W06G	W08G	W10G	UNIT
		W005MG	W01MG	W02MG	W04MG	W06MG	W08MG	W10MG	
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @TA=25°C	I(AV)	1.5							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	50							A
I <sup>2</sup> t Rating for Fusing (t<8.3ms)	I <sup>2</sup> t	5.0							A <sup>2</sup> s
Maximum Forward Voltage Drop Per Element at 1.5A Peak	VF	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage TJ=25°C	IR	10.0							µA
		1.0							mA
Operating Temperature Range	TJ	-55 to +150							°C
Storage Temperature Range	TSTG	-55 to +150							°C

